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Patent claims

1. A computer-aided method for parallel calculation of the  
operating point of electrical circuits,  
5 - in which the circuit is partitioned into a number of  
partitions in a first step,  
characterized in that  
- the charging method is used for the parallel calculation  
of the individual partitions, a dynamic element (C, L)  
10 being provided at each node of the circuit.
2. The computer-aided method as claimed in claim 1,  
characterized in that each node of the circuit is connected  
to in each case a predetermined value having in each case a  
15 potential by means of in each case one capacitance so that  
an operating point of the modified circuit can be  
calculated.
3. The computer-aided method as claimed in claim 2,  
20 characterized in that a capacitance having the same value  
(C0) is provided at each node of a partition.
4. The computer-aided method as claimed in claim 2 or 3,  
characterized in that each node of a partition is connected  
25 to the same potential by means of a capacitance.
5. The computer-aided method as claimed in claim 2,  
characterized in that a capacitance having the same value  
(C0) is provided at each node of all partitions.  
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6. The computer-aided method as claimed in claim 2 or  
5, characterized in that

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each node of all partitions is connected to the same potential by means of a capacitance.

5 7. The computer-aided method as claimed in one of claims 2 to 5, characterized in that the potential is connected to ground.

10 8. The computer-aided method as claimed in one of claims 2 to 6, characterized in that  
- the operating point of the circuit is calculated in each case with a suitable step-by-step change in the value of (C) of the capacitance, and  
- this step is repeated until the values of the capacitances are almost zero.

15 9. A computer program product which can be loaded into a main memory of a computer system, with a software code for carrying out the method according to one of the preceding claims when the computer program product is running on a  
20 computer system.

10. A data carrier with a computer program product as claimed in claim 9.

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